



FAXED
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Research Laboratories

The Johns Hopkins University School of Medicine
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DATE: 1/15/92

TO: Dr. Antonio M. Persico Laboratory of Mol. Neurobiology NIDA/ARC
NAME INSTITUTE

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FROM: Daniel Nathans _____
DEPARTMENT

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Number of Pages Including Cover Sheet: 1

(Please call if entire transmission is not received)

Message:

Dear Dr. Persico:

I looked up the Zerial et al. paper on FosB and Nakabeppu's data here. We have no reason to say FosB mRNA is 5 kb. We were quoting Zerial et al. in our paper. Further, Zerial et al. have no reason to say it is 5 kb. They had an incomplete cDNA of 4145 nucleotides and speculated that it might have another 1 kb. Since they didn't map the 5' end of the mRNA, they can't know how much is missing from the 5' end. Therefore the mRNA could be 4.2 kb (or if their unusually long 5' cDNA segment is partly artifactual, even smaller).

The main thing for your purposes is that the mRNA you identify has the same mobility as the one they identified. There is no reason to doubt that the probe is FosB and that the signal is due to FosB mRNA.

Sincerely,


Daniel Nathans